



Material Content Data Sheet



Sales Product Name		TLE6365G		Issued		20. July 2018			
MA#		MA000971468							
Package		PG-DSO-8-16		Weight*		83.80 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	4.422	5.28	5.28	52764	52764	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107		
		non noble metal	zinc	7440-66-6	0.036	0.04		428	
		non noble metal	iron	7439-89-6	0.717	0.86		8558	
wire	noble metal	non noble metal	copper	7440-50-8	29.121	34.75	35.66	347498	356591
		noble metal	gold	7440-57-5	0.214	0.25	0.25	2549	2549
		organic material	carbon black	1333-86-4	0.092	0.11		1099	
encapsulation	plastics	epoxy resin	-	4.236	5.05		50548		
		inorganic material	silicondioxide	60676-86-0	41.715	49.78	54.94	497784	549431
leadfinish	non noble metal	tin	7440-31-5	0.814	0.97	0.97	9711	9711	
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7759	7759	
glue	plastics	acrylic resin	-	0.391	0.47		4663		
		noble metal	silver	7440-22-4	1.385	1.65	2.12	16532	21195
*deviation	< 10%				Sum in total:		100.00	1000000	

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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